

Organic derivatives of antimony - 3. Alkoxy and chloroalkoxy derivatives of antimony

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Abstract

1. The action of an excess of chlorine on the corresponding alkoxy- and chloroalkoxy derivatives of Sb(III) produced trichlorodimethoxy-, dichlorotrimethoxy-, and trichlorodiethoxyantimony, which have not been described in the literature, as well as tetrachloromethoxy- and dichlorotriethoxyantimony. 2. The action of acetyl chloride on pentaethoxyantimony yielded chlorotetraethoxyantimony. 3. The ester interchange of pentaethoxyantimony with methanol yielded pentamethoxyantimony. 4. The reaction of SbCl_3 with trimethoxy- and triethoxyantimony produced chlorodimethoxy-, dichloromethoxy-, and chlorodiethoxyantimony. © 1977 Plenum Publishing Corporation.

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